

1R - 0263

REPORTS

DATE:

2005



Whole Earth Environmental, Inc.

2103 Arbor Cove
Katy, Tx. 77494
281.394.2050
whearth@msn.com

November 7, 2005

Santos USA Corporation
10111 Richmond
Suite 500
Houston, TX 77042

Attn: Tony Jones

Dear Tony:

Enclosed, please find an overview of the status of the remaining environmental defects within the Tipperary Bagley Field along with a brief summary of the remediation activities undertaken by Tipperary over the past ten years.

Thank you again for the opportunity of working with you on this especially challenging project.

Warmest personal regards,

Mike Griffin
President
Whole Earth Environmental, Inc.



Executive Summary

Location

The Bagley Field is located approximately twenty miles west of Tatum, Lea County, New Mexico on State lands. The surrounding terrain is essentially featureless with no surface streams or significant topographical variation present. The area is described as semi-arid with a net pan evaporation / precipitation value of ~78" per year.

Land Use

The land surface is primarily used for the grazing of cattle; however extensive oil and gas operations have been present since the 1960's.

Site History

Tipperary Corporation's activities within the area consisted of a commercial brine collection and disposal system (Burro Pipeline) and a series of at least thirty-six oil wells. The production wells were sold to Phoenix Hydrocarbons in 2002 with Tipperary retaining the environmental liability relating to ten production pits. Two of the pits have been closed in accordance with NMOCD rules and eight sites remain under active remediation. In October 2005, Santos USA Corporation purchased the former Tipperary Burro Saltwater Disposal System along with certain environmental liabilities associated with the ten former production pits, the Lane Salt Lake Facility and a previously closed production station: Satellite 4.

Remediation Activities

Of the eight remaining pit sites, four are under active remediation. Three sites are equipped with windmills and one is equipped with an electric submersible pump. In each case, the contaminated groundwater is pumped from the aquifer directly into the Burro Disposal System. All sites under active remediation have seen dramatic declines in criteria contaminants and each have predictable times to final closure.

Of the four remaining sites, Burro Pipeline proposes to conduct further investigations to include the installation of several temporary monitor wells to better define plume sources, geometry, and the most efficient active remediation plan. Details of the proposed investigations are included with the individual well sections of this report.

Burro anticipates completing the budgeting process for these investigations by January 31st, 2006 and will submit a detailed investigation plan to the NMOCD by February 15th, 2006.



Burro Pipeline
Bagley Field Pit Remediation Project
Monitor Well Testing Summary

Well Name	Benzene	Chlorides
Iva		
Source Well	0.533	1330
MW-1	0.000	92
MW-2	0.000	52

Mable		
Source Well	?	?
MW-1	1.080	45.1
MW-2	0.000	135
MW-3	0.000	187

Bell State		
MW-1	0.025	312
MW-2	0.012	485
MW-3	0.056	169
MW-4	0.000	797
MW-5	0.000	214
MW-6	0.664	191

NBF		
MW-1	0.007	94
MW-2	0.074	76
MW-3	0.485	99
MW-4	0.014	49
MW-5	0.006	55
MW-6	0.010	50

Sohio 1		
MW-1	1.250	2310
MW-2	0.704	1520
MW-3	3.230	2970
MW-4	0.001	39.1
MW-5	0.001	928
MW-6	0.001	185
MW-7	0.001	45
MW-8	0.001	912

Well Name	Benzene	Chlorides
Sohio A		
MW-1	0.000	287
MW-2	0.004	3420
MW-3	0.056	5620
MW-4	0.000	316
MW-5	0.013	6739
MW-6	0.000	2550
MW-7	0.163	8680
MW-8	0.000	1920
MW-9	0.000	4390
MW-10	0.000	9640

G.S. State		
Source Well	0.413	1750
MW-1	1.580	204
MW-2	0.003	35
MW-3	0.000	206
MW-4	0.000	191
MW-5	0.001	368

Collier		
Source Well	?	?
MW-1	0.020	2680
MW-2	0.000	1800
MW-3	0.001	8430
MW-4	0.000	845
MW-5	0.000	36
MW-6	0.000	30

WHOLE EARTH ENVIROMENTAL, INC.

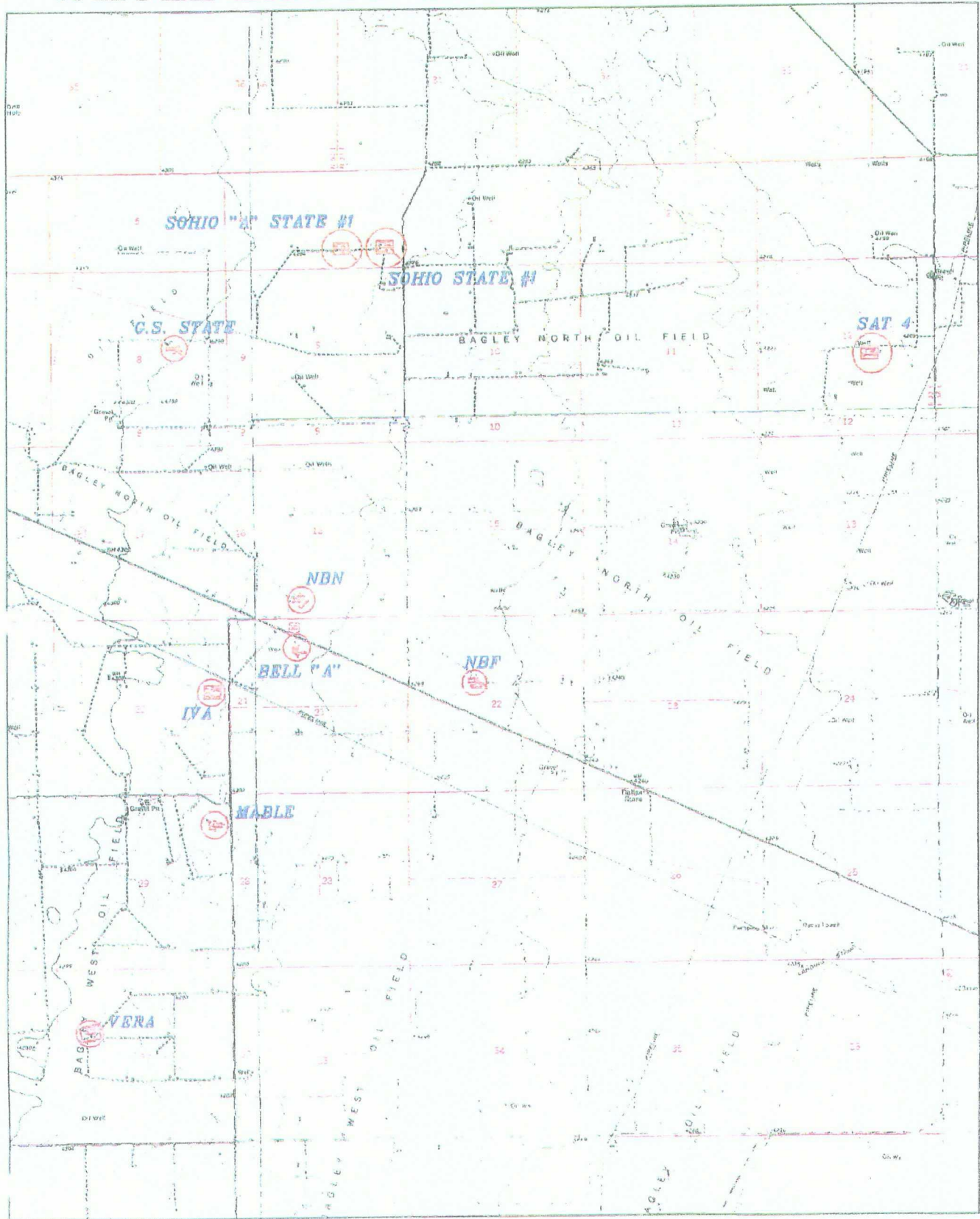


EXHIBIT 9

ASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 9352

Drawn By: K. GOAD

Date: 10-21-99

Disk: KJG #122 - WE9352.DWG

2/25/08

NOT WITHOUT FACTS
PFA MGRIT & CO

→

PM-0-1

LAPE SALT LAKE

Order No.	Amd #	Applicant	Facility	Notes	Initial Permi	Reviewer	County	Contact
260	0	TIPPERARY OIL & GAS CORP	BELL STATE "A"	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	A	Von Gonten	Lea	Mike Griffin- 281-394-2050
261	0	TIPPERARY OIL & GAS CORP	COLLIER #1	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	A	Von Gonten	Lea	Mike Griffin- 281-394-2050 AP-32
262	0	TIPPERARY OIL & GAS CORP	GULF STATE #1	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	A	Von Gonten	Lea	Mike Griffin- 281-394-2050
263	0	TIPPERARY OIL & GAS CORP	IVA COM #1	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	A	Von Gonten	Lea	Mike Griffin- 281-394-2050
264	0	TIPPERARY OIL & GAS CORP	MABEL COM #1	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	A	Von Gonten	Lea	Mike Griffin- 281-394-2050
265	0	TIPPERARY OIL & GAS CORP	NORTH BAGLEY FIELD PITS	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	A	Von Gonten	Lea	Mike Griffin- 281-394-2050
266	0	TIPPERARY OIL & GAS CORP	SATELLITE #4	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	C	Von Gonten	Lea	Mike Griffin- 281-394-2050
267	0	TIPPERARY OIL & GAS CORP	SOHIO STATE #1	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	A	Von Gonten	Lea	Mike Griffin- 281-394-2050
268	0	TIPPERARY OIL & GAS CORP	SOHIO STATE "A"	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	A	Von Gonten	Lea	Mike Griffin- 281-394-2050
269	0	TIPPERARY OIL & GAS CORP	STATE NBF #1	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	A	Von Gonten	Lea	Mike Griffin- 281-394-2050
270	0	TIPPERARY OIL & GAS CORP	STATE NBN #1	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	C	Von Gonten	Lea	Mike Griffin- 281-394-2050
271	0	TIPPERARY OIL & GAS CORP	VERA #1	wp-2/25/08-sold to Phoenix-Tipperary retained Envr Liability-Tipperary sold assts to Santos USA Corp. incl Envr Liability, WholeEarth acquired Burro Pipeline system previously owned by Tipperary..	C	Von Gonten	Lea	Mike Griffin- 281-394-2050



Iva COM

IR 263

The Iva site is under active remediation and consists of one wind driven recovery well and two satellite monitor wells. Neither monitor well has ever shown BTEX concentrations in excess of NMWQCC standards and the latest round of sampling indicates that the chloride concentrations within the monitor wells to be within acceptable limits.

The recovery system is operating efficiently and has resulted in a reduction of benzene concentrations of 88% over the past five years. At the current rate of decline, the system will have acceptable results within eight years. We are requesting the NMOCD to allow us to discontinue the testing of the monitor wells until the time of final closure.

10.20.2005 09:20



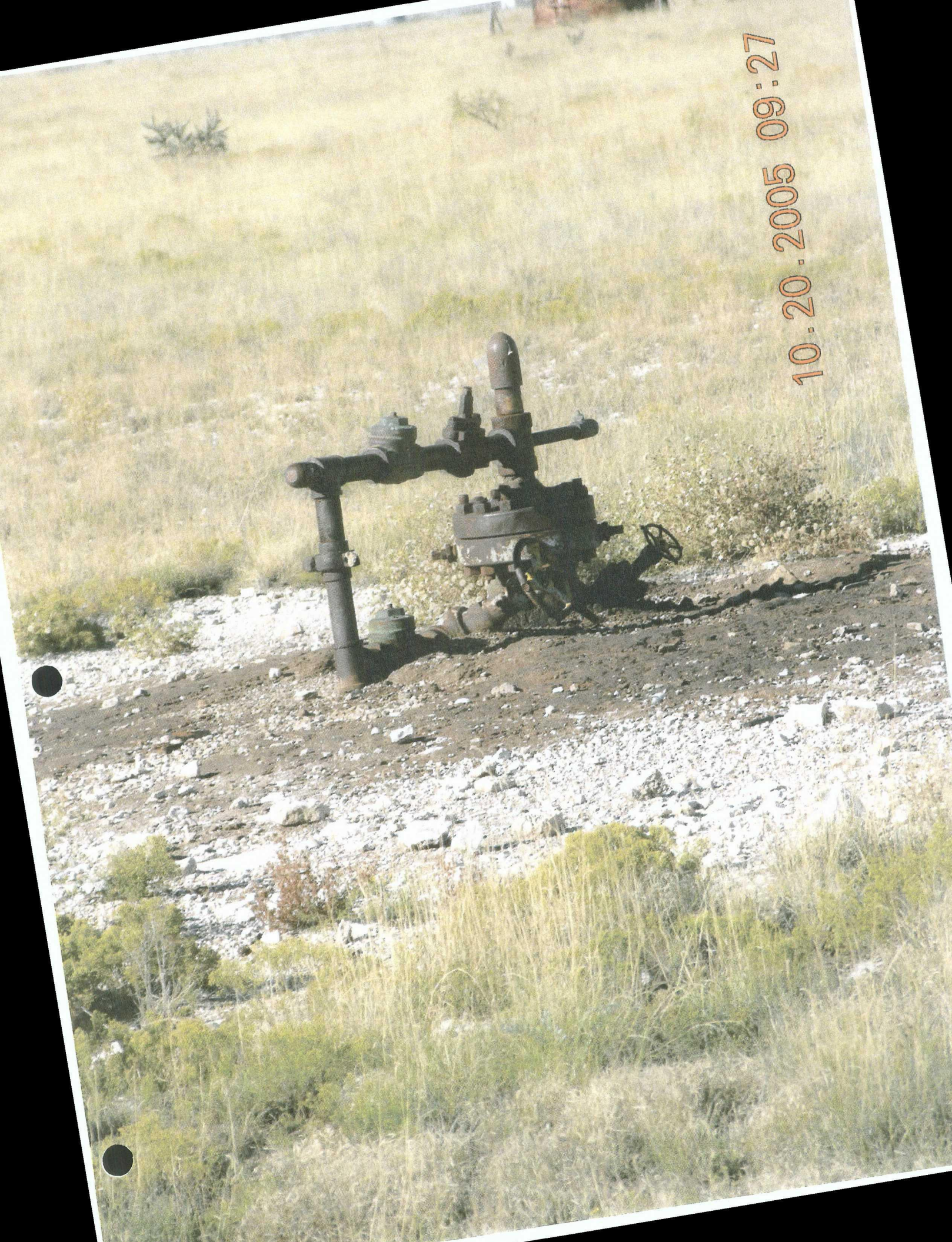


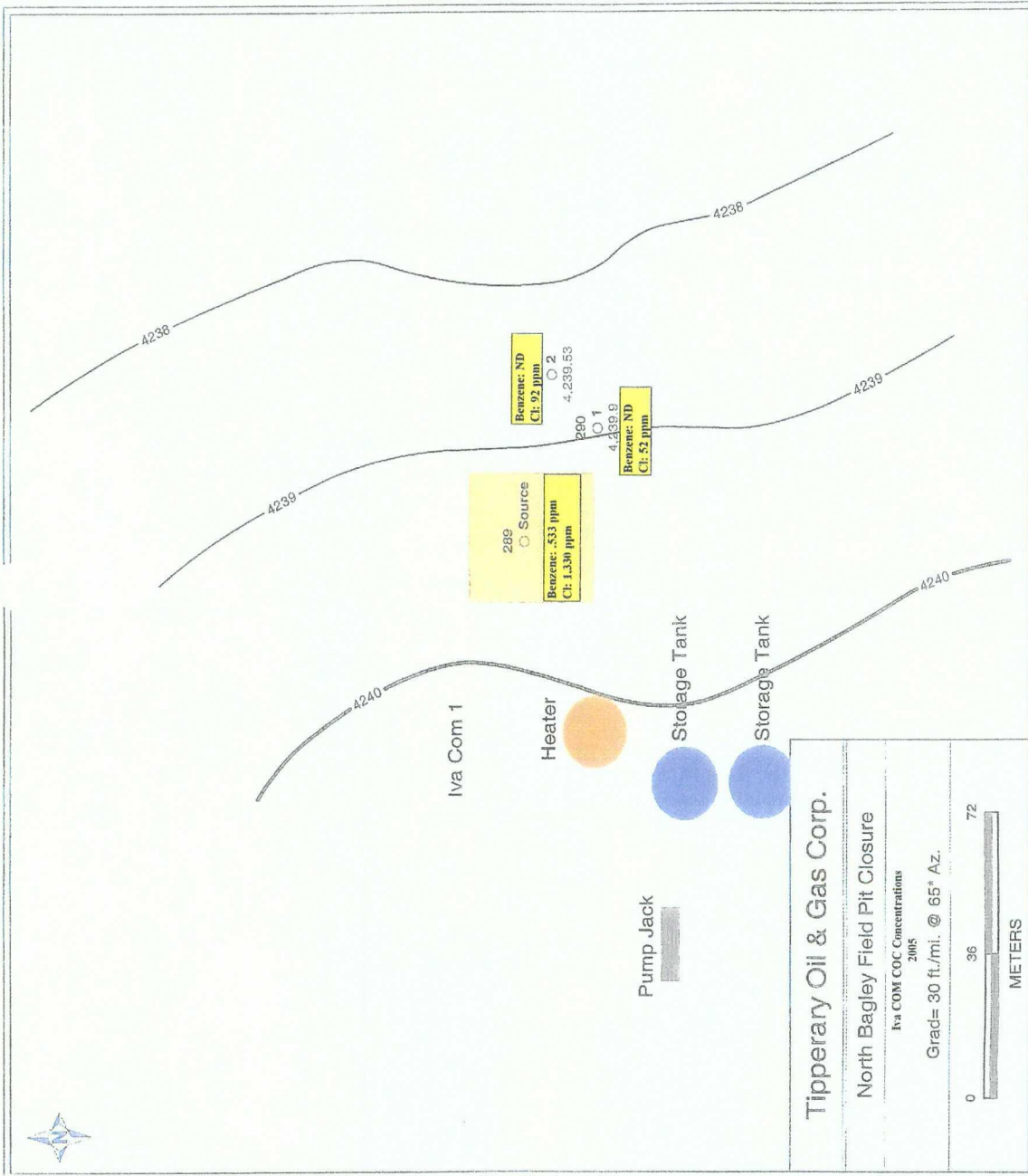
10.20.2005 09:28

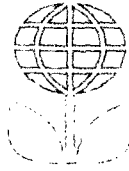


10.20.2005 09:22

10.20.2005 09:27







**Tipperary Corporation
Iva COM Recovery Well
Section 20H T-11S R-33E
Lea County, NM**

Year	Estimated Groundwater Recovery (Bbls)	Estimated Product Recovery (Bbls)
1997	250	1.3
1998	500	2.5
1999	500	2.5
2000	500	2.5
2001	500	2.5
2002	500	2.5
2003	500	2.5
2004	500	2.5
2005	500	2.5

All Fluids Pumped into Burro Disposal System



Iva

Monitor Well Bailing Log

Iva Source

Lat: N33⁰ 21.183
Long. W103⁰ 37.768
Surf. Elev. 4,298 Ft.

As Drilled	As Measured
------------	-------------

Date: 8/25/1997
Top of Water 60 Ft.
Bottom of Bore 68 Ft.

Date:					
Top of Water	NA	NA	NA	NA	Ft.
Bottom of Bore	NA	NA	NA	NA	Ft.
LPNL Top	NA	NA	NA	NA	Ft.
LPNL Bottom	NA	NA	NA	NA	Ft.
DPNL Top	NA	NA	NA	NA	Ft.
DPNL Bottom	NA	NA	NA	NA	Ft.
Min. Bailing Vol.	NA	NA	NA	NA	Gal.
Actual Bailing Vol.	NA	NA	NA	NA	Gal.

Comments



Iva

Monitor Well Bailing Log

Iva MW #1

Lat: N33° 21.174
Long. W103° 37.753
Surf. Elev. 4,298 Ft.

As Drilled	As Measured
------------	-------------

Date: 8/14/1997
Top of Water 54.9 Ft.
Bottom of Bore 60 Ft.

Date:	1/23/04	10/21/05		
Top of Water	52.20	52.50		Ft.
Bottom of Bore	63.20	63.20		Ft.
Bore Volume	1.77	1.73		Gal.
LPNL Top	NA	NA		Ft.
LPNL Bottom	NA	NA		Ft.
DPNL Top	NA	NA		Ft.
DPNL Bottom	NA	NA		Ft.
Min. Bailing Vol.	5.32	5.18		Gal.
Actual Bailing Vol.	15.00	15.00		Gal.

Comments



Iva

Monitor Well Bailing Log

Iva MW #2

Lat: N33° 21.180
Long. W103° 37.745
Surf. Elev. 4,292 Ft.

As Drilled	As Measured
------------	-------------

Date:		Date:	1/23/04	10/21/05		
Top of Water	Ft.	Top of Water	52.40	52.40		Ft.
Bottom of Bore	Ft.	Bottom of Bore	63.80	63.70		Ft.
		Bore Volume	1.84	1.82		Gal.
		LPNL Top	NA	NA		Ft.
		LPNL Bottom	NA	NA		Ft.
		DPNL Top	NA	NA		Ft.
		DPNL Bottom	NA	NA		Ft.
		Min. Bailing Vol.	5.52	5.47		Gal.
		Actual Bailing Vol.	12.00	15.00		Gal.

Comments

Iva Source Well

Lab. #	Sample Date	Benzene	Toluene	Ethylbenzene	m,p Xylene	o Xylene	Total Xylene	Total BTEX
17428	04/01/99	2.050	4.150	0.902	5.500	3.800	9.300	25.702
18590	07/14/99	4.460	6.850	1.240	8.160	5.576	13.730	26.280
20605	10/06/99	1.670	1.800	0.126	1.420	1.030	2.450	6.046
22774	01/08/00	2.350	3.760	0.458	3.210	1.910	5.120	11.688
25164	04/13/00	1.430	1.510	0.176	1.520	1.100	2.620	5.736
28464	07/20/00	1.000	0.815	0.104	0.866	0.676	1.542	3.461
31494	09/26/00	0.865	0.495	0.080	0.833	0.636	1.469	2.909
36195	01/10/01	0.533	0.168	0.015	0.067	0.044	0.111	0.827
38917	04/05/01	0.666	0.599	0.141	1.050	0.824	1.874	3.280
0101098-01	07/07/01	0.371	0.252	0.075	0.577	0.474	1.051	1.749
0101642-01	09/26/01	0.430	0.204	0.048	0.486	0.359	0.845	1.527
0202619-01	02/15/02	0.701	0.437	0.102	0.723	0.579	1.302	2.542
0001112-02	03/30/02	0.593	0.096	0.403	0.913	0.670	1.583	2.675
0203577-01	06/06/02	0.257	0.048	0.142	0.488	0.376	0.864	1.311
0204815-01	10/19/02	0.411	0.043	0.080	0.487	0.380	0.867	1.401
0205349-01	01/04/03	0.770	0.272	0.073	0.627	0.390	1.017	2.132
0306249-01	04/17/03	0.566	0.174	0.017	0.681	0.486	1.167	1.924
0306733-17	06/20/03	0.314	0.125	0.042	0.390	0.288	0.678	1.159
0307790-20	10/30/03	0.301	0.076	0.037	0.317	0.210	0.527	0.941
4J04007-01	10/21/05	0.533	0.145	0.055	0.608	0.453	1.061	1.794

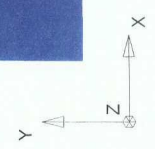
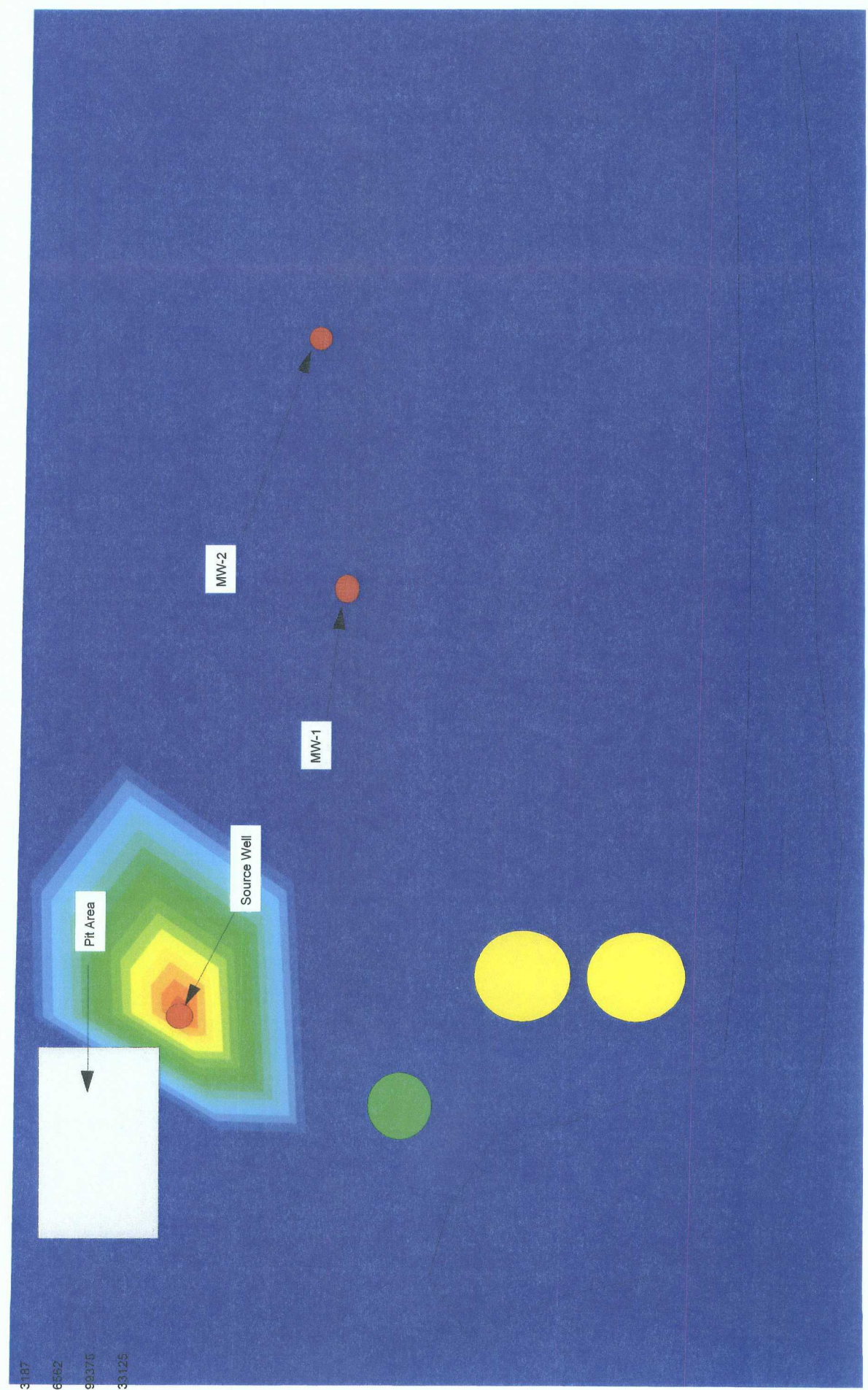
Sampling Results

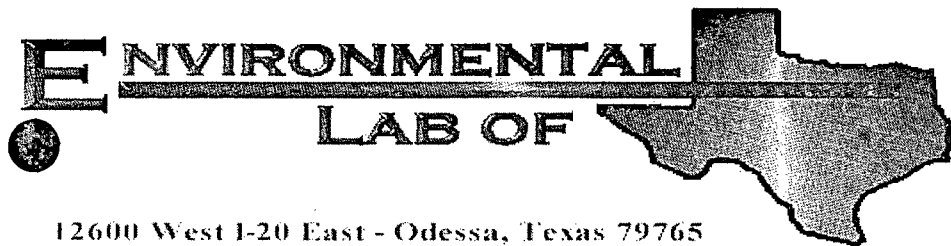
[illegible]

Sampling Results

Lab. #	Sample Date	Benzene	Toluene	Ethylbenzene	m,p Xylene	o Xylene	Total Xylene	Total BTEX
12476	09/05/97	0.001	0.001	0.001	0.001	0.001	0.002	0.005
13183	12/03/97	0.002	0.002	0.001	0.006	0.002	0.008	0.013
14058	03/23/98	0.002	0.001	0.001	0.005	0.002	0.007	0.011
15605	10/01/98	0.003	0.002	0.001	0.003	0.001	0.004	0.010
16596	01/06/99	0.004	0.001	0.001	0.003	0.001	0.004	0.010
20606	10/06/99	0.001	0.001	0.001	0.001	0.001	0.002	0.005
22789	01/08/00	0.002	0.002	0.001	0.004	0.002	0.006	0.011
25166	04/13/00	0.001	0.006	0.005	0.015	0.007	0.022	0.034
28436	07/20/00	0.001	0.003	0.002	0.006	0.003	0.009	0.015
31504	09/26/00	0.001	0.880	0.001	0.672	0.019	0.091	0.973
36134	01/05/01	0.001	0.003	0.005	0.011	0.005	0.016	0.025
38919	04/05/01	0.001	0.001	0.001	0.001	0.001	0.002	0.005
0101098-03	07/07/01	0.001	0.001	0.002	0.006	0.001	0.007	0.011
0101642-03	09/26/01	0.004	0.003	0.001	0.006	0.004	0.010	0.018
0202619-03	02/15/02	0.001	0.001	0.002	0.008	0.002	0.010	0.014
0204815-03	10/19/02	0.001	0.001	0.001	0.001	0.001	0.002	0.005
0205349-03	01/04/03	0.001	0.001	0.002	0.006	0.004	0.010	0.014
0306249-03	04/17/03	0.001	0.001	0.001	0.002	0.001	0.003	0.006
0306733-19	06/20/03	0.001	0.001	0.001	0.003	0.002	0.005	0.008
0307790-22	10/30/03	0.001	0.001	0.001	0.003	0.002	0.005	0.008
4A26006-02	01/23/04	0.001	0.001	0.001	0.003	0.002	0.005	0.008
4J04007-03	10/01/04	0.001	0.001	0.001	0.001	0.001	0.002	0.005
5J24001-02	10/21/05	0.001	0.001	0.001	0.001	0.001	0.002	0.005

Tipperary Corporation
Iva COM
Benzene Concentrations





12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: Iva COM

Project Number: None Given

Location: Lea County, New Mexico

Lab Order Number: 5J24007

Report Date: 11/03/05

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
11/03/05 09:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Iva Com Source	5J24007-01	Water	10/21/05 14:15	10/23/05 15:40

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
11/03/05 09:47

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Iva Com Source (5J24007-01) Water									
Benzene	0.533	0.0200	mg/L	20	EJ52805	10/28/05	10/31/05	EPA 8021B	
Toluene	0.145	0.0200	"	"	"	"	"	"	
Ethylbenzene	0.0548	0.0200	"	"	"	"	"	"	
Xylene (p/m)	0.608	0.0200	"	"	"	"	"	"	
Xylene (o)	0.453	0.0200	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.0 %	80-120		"	"	"	"	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
11/03/05 09:47

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Iva Com Source (5J24007-01) Water									
Chloride	1330	25.0	mg/L	50	EJS2605	10/25/05	10/26/05	EPA 300.0	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
11/03/05 09:47

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EJ52805 - EPA 5030C (GC)

Blank (EJ52805-BLK1)

Prepared: 10/28/05 Analyzed: 10/31/05

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	32.3		ug/l	40.0		80.8	80-120			
Surrogate: 4-Bromofluorobenzene	33.6		"	40.0		84.0	80-120			

LCS (EJ52805-BS1)

Prepared: 10/28/05 Analyzed: 10/31/05

Benzene	0.0494	0.00100	mg/L	0.0500		98.8	80-120			
Toluene	0.0521	0.00100	"	0.0500		104	80-120			
Ethylbenzene	0.0516	0.00100	"	0.0500		103	80-120			
Xylene (p/m)	0.0972	0.00100	"	0.100		97.2	80-120			
Xylene (o)	0.0521	0.00100	"	0.0500		104	80-120			
Surrogate: a,a,a-Trifluorotoluene	35.3		ug/l	40.0		88.2	80-120			
Surrogate: 4-Bromofluorobenzene	41.1		"	40.0		103	80-120			

Calibration Check (EJ52805-CCV1)

Prepared: 10/28/05 Analyzed: 10/31/05

Benzene	47.1		ug/l	50.0		94.2	80-120			
Toluene	48.5		"	50.0		97.0	80-120			
Ethylbenzene	45.9		"	50.0		91.8	80-120			
Xylene (p/m)	87.0		"	100		87.0	80-120			
Xylene (o)	46.8		"	50.0		93.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	32.2		"	40.0		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	32.4		"	40.0		81.0	80-120			

Matrix Spike (EJ52805-MS1)

Source: 5J24005-04

Prepared: 10/28/05 Analyzed: 10/31/05

Benzene	0.0479	0.00100	mg/L	0.0500	0.000652	94.5	80-120			
Toluene	0.0498	0.00100	"	0.0500	ND	99.6	80-120			
Ethylbenzene	0.0482	0.00100	"	0.0500	ND	96.4	80-120			
Xylene (p/m)	0.0913	0.00100	"	0.100	ND	91.3	80-120			
Xylene (o)	0.0487	0.00100	"	0.0500	ND	97.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	34.4		ug/l	40.0		86.0	80-120			
Surrogate: 4-Bromofluorobenzene	33.2		"	40.0		83.0	80-120			

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
11/03/05 09:47

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EJ52805 - EPA 5030C (GC)

Matrix Spike Dup (EJ52805-MSD1)

Source: 5J24005-04

Prepared: 10/28/05

Analyzed: 10/31/05

Benzene	0.0479	0.00100	mg/L	0.0500	0.000652	94.5	80-120	0.00	20	
Toluene	0.0507	0.00100	"	0.0500	ND	101	80-120	1.40	20	
Ethylbenzene	0.0498	0.00100	"	0.0500	ND	99.6	80-120	3.27	20	
Xylene (p/m)	0.0938	0.00100	"	0.100	ND	93.8	80-120	2.70	20	
Xylene (o)	0.0504	0.00100	"	0.0500	ND	101	80-120	3.63	20	
Surrogate: a,a,a-Trifluorotoluene	33.2		ug/l	40.0		83.0	80-120			
Surrogate: 4-Bromofluorobenzene	34.4		"	40.0		86.0	80-120			

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
11/03/05 09:47

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EJ52605 - General Preparation (WetChem)

Blank (EJ52605-BLK1)

Prepared: 10/25/05 Analyzed: 10/26/05

Chloride ND 0.500 mg/L

LCS (EJ52605-BS1)

Prepared: 10/25/05 Analyzed: 10/26/05

Chloride 8.28 mg/L 10.0 82.8 80-120

Calibration Check (EJ52605-CCV1)

Prepared: 10/25/05 Analyzed: 10/26/05

Chloride 8.19 mg/L 10.0 81.9 80-120

Duplicate (EJ52605-DUP1)

Source: 5J24004-06

Prepared: 10/25/05 Analyzed: 10/26/05

Chloride 46.0 5.00 mg/L 50.5 9.33 20

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
11/03/05 09:47

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By: Raland K Tuttle Date: 11-03-05

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: Iva Com

Project #:

Project Loc: Lea County, New Mexico

PO#:

Fax No: (281) 394-2051

[Signature]

RUSH TAT (Pre-Schedule)	Standard TAT
-------------------------	--------------

Sample Containers Intact?

$$\begin{array}{c} \text{Z} \\ \text{Y} \end{array}$$

Temperature Upon Receipt:

2.5.2

Laboratory Comments:

Laboratory Comments: not frozen

igned by *C. J. H. H. H.*

Date	14/23/05	Time	0835
------	----------	------	------

Received by:

Date _____

Time

Relinquished by: Drop Box

Date _____

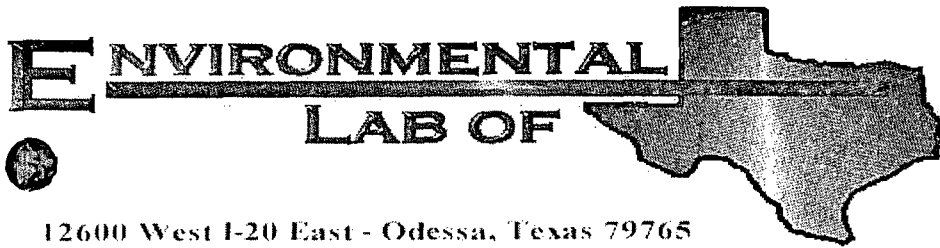
Time

Received by ELOT:

Date

time

40mL glass w/HCl
LHDFE unpreserved > on ice
w/labels



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: Iva COM

Project Number: None Given

Location: Lea County, New Mexico

Lab Order Number: 5J24001

Report Date: 10/31/05

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
10/31/05 14:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Iva MW #1	5J24001-01	Water	10/20/05 09:45	10/23/05 15:40
Iva MW #2	5J24001-02	Water	10/20/05 09:55	10/23/05 15:40

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
10/31/05 14:00

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Iva MW #1 (5J24001-01) Water									
Benzene	J [0.000565]	0.00100	mg/L	1	EJ52623	10/26/05	10/27/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		87.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.0 %	80-120		"	"	"	"	

Iva MW #2 (5J24001-02) Water

Benzene	ND	0.00100	mg/L	1	EJ52623	10/26/05	10/26/05	EPA 8021B	
Toluene	J [0.000717]	0.00100	"	"	"	"	"	"	
Ethylbenzene	J [0.000512]	0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.00214	0.00100	"	"	"	"	"	"	
Xylene (o)	J [0.000725]	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		83.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.8 %	80-120		"	"	"	"	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
10/31/05 14:00

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Iva MW #1 (5J24001-01) Water									
Chloride	91.6	5.00	mg/L	10	EJ52604	10/24/05	10/26/05	EPA 300.0	
Iva MW #2 (5J24001-02) Water									
Chloride	52.1	5.00	mg/L	10	EJ52604	10/24/05	10/26/05	EPA 300.0	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
10/31/05 15:17

Organics by GC - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch EJ52623 - EPA 5030C (GC)

Blank (EJ52623-BLK1)

Prepared & Analyzed: 10/26/05

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	32.2		ug/l	40.0		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	32.4		"	40.0		81.0	80-120			

LCS (EJ52623-BS1)

Prepared & Analyzed: 10/26/05

Benzene	0.0534	0.00100	mg/L	0.0500		107	80-120			
Toluene	0.0523	0.00100	"	0.0500		105	80-120			
Ethylbenzene	0.0574	0.00100	"	0.0500		115	80-120			
Xylene (p/m)	0.109	0.00100	"	0.100		109	80-120			
Xylene (o)	0.0599	0.00100	"	0.0500		120	80-120			
Surrogate: a,a,a-Trifluorotoluene	36.7		ug/l	40.0		91.8	80-120			
Surrogate: 4-Bromofluorobenzene	40.1		"	40.0		100	80-120			

Calibration Check (EJ52623-CCV1)

Prepared: 10/26/05 Analyzed: 10/27/05

Benzene	47.4		ug/l	50.0		94.8	80-120			
Toluene	48.4		"	50.0		96.8	80-120			
Ethylbenzene	47.3		"	50.0		94.6	80-120			
Xylene (p/m)	88.4		"	100		88.4	80-120			
Xylene (o)	48.3		"	50.0		96.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	32.1		"	40.0		80.2	80-120			
Surrogate: 4-Bromofluorobenzene	36.0		"	40.0		90.0	80-120			

Matrix Spike (EJ52623-MS1)

Source: 5J24001-01

Prepared: 10/26/05 Analyzed: 10/27/05

Benzene	0.0510	0.00100	mg/L	0.0500	0.000565	101	80-120			
Toluene	0.0520	0.00100	"	0.0500	ND	104	80-120			
Ethylbenzene	0.0508	0.00100	"	0.0500	ND	102	80-120			
Xylene (p/m)	0.0919	0.00100	"	0.100	ND	91.9	80-120			
Xylene (o)	0.0491	0.00100	"	0.0500	ND	98.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	35.3		ug/l	40.0		88.2	80-120			
Surrogate: 4-Bromofluorobenzene	36.4		"	40.0		91.0	80-120			

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
10/31/05 14:00

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EJ52623 - EPA 5030C (GC)

Matrix Spike Dup (EJ52623-MSD1)

Source: 5J24001-01

Prepared: 10/26/05 Analyzed: 10/27/05

Benzene	0.0548	0.00100	mg/L	0.0500	0.000565	108	80-120	6.70	20	
Toluene	0.0561	0.00100	"	0.0500	ND	112	80-120	7.41	20	
Ethylbenzene	0.0557	0.00100	"	0.0500	ND	111	80-120	8.45	20	
Xylene (p/m)	0.102	0.00100	"	0.100	ND	102	80-120	10.4	20	
Xylene (o)	0.0560	0.00100	"	0.0500	ND	112	80-120	13.1	20	
Surrogate: a,a,a-Trifluorotoluene	34.9		ug/l	40.0		87.2	80-120			
Surrogate: 4-Bromofluorobenzene	36.4		"	40.0		91.0	80-120			

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
10/31/05 14:00

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EJ52604 - General Preparation (WetChem)

Blank (EJ52604-BLK1)

Prepared: 10/24/05 Analyzed: 10/26/05

Chloride	ND	0.500	mg/L							
----------	----	-------	------	--	--	--	--	--	--	--

LCS (EJ52604-BS1)

Prepared: 10/24/05 Analyzed: 10/26/05

Chloride	8.18		mg/L	10.0		81.8	80-120			
----------	------	--	------	------	--	------	--------	--	--	--

Calibration Check (EJ52604-CCV1)

Prepared: 10/24/05 Analyzed: 10/26/05

Chloride	8.31		mg/L	10.0		83.1	80-120			
----------	------	--	------	------	--	------	--------	--	--	--

Duplicate (EJ52604-DUP1)

Source: 5J21008-01

Prepared: 10/24/05 Analyzed: 10/26/05

Chloride	66.7	5.00	mg/L		70.6			5.68	20	
----------	------	------	------	--	------	--	--	------	----	--

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Iva COM
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
10/31/05 14:00

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:

Coley D. Keene

Date:

10/31/05

Raland K. Tuttle, Lab Manager
Coley D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

12600 West I-20 East
Odessa, Texas 79763
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: M. Griffin

Project Name: Iva Com

Company Name Whole Earth Environmental, Inc.

Project #:

Company Address: 2103 Arbor Cove

Project Loc: Lea County, New Mexico

City/State/Zip: Katy, Texas 77494

PO#

Telephone No: (281) 394-2050

Fax No: (281) 394-2051

Sampler Signature:

W. H. H. H.

[illegible]